

Federal Aviation Agency



AC NO: 25.1457-1


AIRCRAFT

EFFECTIVE : 4/7/65

Cancelled See 1A

SUBJECT : COCKPIT VOICE RECORDER INSTALLATIONS

1. **PURPOSE:** This circular sets forth an acceptable means of compliance with provisions in FAR 25.1457(e) and FAR 25.1457(f) pertaining to Cockpit Voice Recorder location and erasure features.
2. **LOCATION:** The installation of a cockpit voice recorder is considered to comply with FAR 25.1457(e), when the following criteria have been met.
 - (a) The longitudinal location is within the aft 15% of the pressurized length of the fuselage or aft of the rear pressure bulkhead.
 - (b) The vertical location, measured at the base of the recorder, is at least 24 inches above the lower fuselage outer contour at the airplane centerline.
 - (c) The location provided minimizes the probability of damage by baggage, cargo, aft engines, and structural collapse.
3. **BULK ERASURE:** If this feature is provided, the following criteria are considered acceptable in demonstrating compliance with FAR 25.1457(f):
 - (a) The installation should be such that any probable malfunction will not cause erasure of the recording medium.
 - (b) If the erase feature is connected through the airplane's ground control relay, squat switch, or ground power relay, an additional switch should be provided which will necessitate a manual operation to initiate erasure action.


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